

From owner-qrp-1@netcom.com Wed Apr 5 04:05:16 1995
From: "Evert Halbach" <CS-ERH@nich-nsunet.nich.edu>
Date: Mon, 3 Apr 1995 13:48:50 CST
Subject: 1000 m/w & waiting
Message-Id: <78CBF4753D@charon.nich.edu>

Anyone happen to see my 1000 m/w certificate lying around in Dayton,
please let me know.

signed: 10 months & waiting
WA50JI Evert

Evert R. Halbach WA50JI
Internet - cs-erh@nich-nsunet.nich.edu
Phone - (504) 448-4999
Snail - P.O. Box 2168 Thibodaux, La. 70310

From owner-qrp-1@netcom.com Thu Apr 6 05:56:49 1995
Date: Wed, 5 Apr 95 22:43:01 PDT
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9504060543.AA20393@deneb.csustan.edu>
Subject: 2SC2312 Specs

Can someone send the specs for the 2SC2312 Transistor? We need a different
final for the Cascade, as the power output with the 510 is too low on 20M. The
2SC2312 was suggested as a good choice. Thanks, 72, Doug, KI6DS

From owner-qrp-1@netcom.com Wed Apr 5 08:51:10 1995
Date: Wed, 5 Apr 95 06:58:44 EDT
From: hysell@kodak.com (John D. Hysell)
Message-Id: <9504051058.AA03994@runner.itc.Kodak.COM>
Subject: 9.0015 MHz crystals for California Board

Can someone direct me to a source for the 9.015 MHz crystals that are called
for by the California Board QRP SSB design? I have found 9.000 MHz rocks
in various catalogs, but not 9.015 - will I have to custom order these, or
am I missing something obvious?

-thanks and 73
KF2XC

From owner-qrp-1@netcom.com Wed Apr 5 10:25:30 1995
Date: Tue, 4 Apr 95 15:59:30 -0400
Message-Id: <9504041959.AA20633@btdacr.med.navy.mil>
From: jkrat@btdacr.med.navy.mil (Jim Kratochvil)
Subject: <didn't bother with a subject>

subscribe

From owner-qrp-l@netcom.com Wed Apr 5 11:43:03 1995
Date: Wed, 5 Apr 1995 06:50:21 -0700
Message-Id: <199504051350.GAA22739@mailhost.primenet.com>
From: bobhigh@PrimeNet.Com (Bob Hightower)
Subject: <didn't bother with a subject>

I just talked to Oak Hills Research re the group purchase of the WM-1, and they tell me that they are back-ordered on the meter movements and 'should ship very soon', but no firm date.

The last time I talked with Index Labs, they were experiencing a two week delay beyond the original 4-5 weeks to ship.

If anyone is contemplating additional group purchases, it might be well to work out the order and shipping info in advance, as we do, or should, have some sort of purchasing power. Both orders were rather large, and with the size of this group, the manufacturers should realize that information on the product and the order are disseminated rather quickly.

It is not real good business to accept a large order, and then delay in the processing/shipment of it.

With these two orders, we all have some \$600.00 sitting out there and, as yet, no equipment. Personally, I'd rather go retail and at least get the goodies right away.

73, Bob (KI7MN)

From owner-qrp-l@netcom.com Wed Apr 5 18:05:31 1995
Date: Wed, 5 Apr 1995 09:57:41 -0700 (PDT)
From: H Smith <hbs@crl.com>
Subject: Re: Afield contest results
Message-Id: <Pine.SUN.3.91.950405095635.17265A-100000@crl2.crl.com>

On Tue, 4 Apr 1995, H Smith wrote:

> In the back of the QRPp, it says:
>
> "Send logs, station and location description along with a summary sheet.."
>
> What is this "summary sheet"?

>

Many thanks to all who responded!!

Smitty, NA5K

Henry Smith (hbs@crl.com)

From owner-qrp-l@netcom.com Wed Apr 5 09:40:27 1995
From: PeterWK8S@aol.com
Date: Tue, 4 Apr 1995 07:42:01 -0400
Message-Id: <950404074103_71158976@aol.com>
Subject: Anyone hear from Myron?

Anyone hear from Myron on room reservations yet? Or receive your info packet and request for downpayment??

Pete WK8S

From owner-qrp-l@netcom.com Wed Apr 5 04:22:49 1995
Date: Tue, 4 Apr 95 13:40:10 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9504041840.AA06057@chuck.dallas.sgi.com>
Subject: Archives

Gang,

Two quick things:

1. Looking through my directory of the qrp-l archives.

345,247 lines
2,155,932 words
13,339,406 characters

This for April 5, 1993 to March 27, 1995. I thought, but not for long about printing this out and bringing one copy to Dayton. How stupid can you get? At 70 lines per page, that's about 4,933 pages, give a take for lines longer than 80 critters will roll into the next. If I removed mail headers, signatures, etc. it would still be over 2,000 pages. At 80 wpm this group has invested over 400 hours. Probably more than 500 easily. You know how many NE40-40 rigs we could have built?

2. sunsite.unc.edu seems to be rejecting anonymous logins.
Anyone else having this problem? I was looking to pick up
the dates since March 27th.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Thu Apr 6 04:44:10 1995
Date: Wed, 5 Apr 1995 22:22:03 -0700
Message-Id: <199504060522.WAA04251@bud.indirect.com>
From: nystedt@indirect.com (John Nystedt)
Subject: Re: Archives

At 01:40 PM 4/4/95 -0500, chuck adams wrote:

>2. sunsite.unc.edu seems to be rejecting anonymous logins.
> Anyone else having this problem? I was looking to pick up
> the dates since March 27th.

Chuck

You just need to be persistant(sp?) they have maximum # of anonymous logins
at any one time, generally I have been able to get in after a few attemps in
a row.

73s de John KC7AKW

From owner-qrp-1@netcom.com Thu Apr 6 00:10:02 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9504052228.AA07939@cybernetics.net>
Subject: Archives (at SunSITE)
Date: Wed, 5 Apr 1995 18:28:36 -0400 (EDT)

>
> 2. sunsite.unc.edu seems to be rejecting anonymous logins.
> Anyone else having this problem? I was looking to pick up
> the dates since March 27th.
>
> dit dit
>
> Chuck Adams K5FO CP-60 adams@sgi.com

Yes. Because SunSITE is a central info-hub for The World (literally),
the traffic there is horrendous. To balance their load...and to
show their preference for Web (HTML) interfaced materials, they
temporarily shut down (first) gopher access and then anonymous ftp

access, as needed. When load goes down, these services are automatically restored.

Solution?

1. Try accessing at a different time of day (translation: middle of night and very early morning hours).

2. I hope to convert the several archives there to HTML format. That will boost the accessibility, since SunSITE is driving hard to be a primarily Web server (they will never shut off WWW). That will consequently means that *best* access will be through Internet providers that offer at least LYNX at the command line prompt. No sense resisting, Folks. The world is avalanching in that direction. For Tom at SGI (provided he is at a GUI work station), that will be a breeze...given that SGI advertises to intice Web logins to be WOWed by their Graphic HomePage. :^) <http://www.sgi.com>

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Wed Apr 5 04:05:28 1995
Date: Mon, 3 Apr 95 13:57:33 CDT
From: gcouger@agen.okstate.edu (Gordon Couger)
Message-Id: <9504031857.AA20644@jsun.agen.okstate.edu>
Subject: back to QRP

My interest has revived in QRP. I have had good luck with my Icom 735 at 5 watts and my HW8. I am going to try the 735 at less than 5 watts tonight.

Gordon AB5DG

From owner-qrp-l@netcom.com Wed Apr 5 20:55:27 1995
Date: Wed, 5 Apr 1995 16:46:34 -0400
From: John Spoonhower <jps@pas.rochester.edu>
Message-Id: <199504052046.QAA19340@alfalfa.pas.rochester.edu>
Subject: Re: Conway op

From owner-qrp-l@netcom.com Wed Apr 5 04:54:24 1995
Received: from netcom22.netcom.com (netcom22.netcom.com [192.100.81.136]) by alfalfa.pas.rochester.edu (8.6.11/8.6.11) with ESMTP id EAA16306 for <jps@alfalfa.pas.rochester.edu>; Wed, 5 Apr 1995 04:54:23 -0400
Received: by netcom22.netcom.com (8.6.11/Netcom)
id WAA28822; Tue, 4 Apr 1995 22:09:11 -0700
Received: from cruzio.com by netcom22.netcom.com (8.6.11/Netcom)
id WAA28799; Tue, 4 Apr 1995 22:09:07 -0700
Message-Id: <199504050509.WAA28799@netcom22.netcom.com>

Subject: Conway with QRP

To: Byron8LCZ@aol.com

Date: Tue, 4 Apr 95 22:11:25 PDT

From: Eric Swartz WA6HHQ <erics@cruzio.com>

Cc: QRP Reflector <grp-l@netcom.com>

In-Reply-To: <950402141510_69157013@aol.com>; from "Byron8LCZ@aol.com" at Apr 2, 95 2:15 pm

X-Mailer: ELM [version 2.3 PL0]

Sender: owner-grp-l@netcom.com

Precedence: list

Status: R0

Byron8LCZ@aol.com writes:

>

> Has anyone worked 3D2CT from Conway Reef yet ? I see them showing up on the

> DX packet cluster but mostly on SSB frequencys. Oh yes, just worked TT8/D2SA

> 72, Byron WA8LCZ Detroit

Hi Byron,

I worked 3D2CU, (the CW call at Conway), with 0.8w on 30m and 4w on 40m.
It was a blast getting through all the KWs in the pile ups! Eric WA6HHQ

--

yes.....I worked 3D2CU as well on 30 m.....di anyone get the QSL
path for this operation? 30 m has had its good moments lately in 2-land;
worked EA9PB and the 3D2 ops with 4 w....heard 3B8CF in there too along
with an Ivory Coast station. Let's all hope this is a sign of
improving band condx!
72, John, kc2du

From owner-grp-l@netcom.com Wed Apr 5 03:52:37 1995

Message-Id: <199504050509.WAA28799@netcom22.netcom.com>

Subject: Conway with QRP

Date: Tue, 4 Apr 95 22:11:25 PDT

From: Eric Swartz WA6HHQ <erics@cruzio.com>

Byron8LCZ@aol.com writes:

>

> Has anyone worked 3D2CT from Conway Reef yet ? I see them showing up on the

> DX packet cluster but mostly on SSB frequencys. Oh yes, just worked TT8/D2SA

> 72, Byron WA8LCZ Detroit

Hi Byron,

I worked 3D2CU, (the CW call at Conway), with 0.8w on 30m and 4w on 40m.
It was a blast getting through all the KWs in the pile ups! Eric WA6HHQ

--

From owner-qrp-1@netcom.com Wed Apr 5 04:26:53 1995
Date: Tue, 4 Apr 1995 14:08:56 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Dayton
Message-Id: <Pine.SUN.3.90.950404140644.16813B-100000@nimbus>

Ha ha, just picked up my plane ticket to Indy. Will be
driving from there to Dayton.

And I even have 50 cents left over to spend on toys
while I'm there.....

cu @ the big D, 73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-1@netcom.com Wed Apr 5 10:17:09 1995
Message-Id: <MAILQUEUE-101.950404122819.960@rcadmin.nov.add.bn1.gov>
From: "Nick Franco - KF2PH" <NICKF@rcadmin.nov.add.bn1.gov>
Date: Tue, 4 Apr 1995 12:28:19 EDT
Subject: Re: Explorer ant ??

Fr. Bruce,

What I've done for camping is cut a dipole for 7.040 out of some #18
stranded wire and at points on each leg that would be cut for
~14.040. I cut the legs for the addition of an insulator and spade
lugs connectors. What this does is give me the capability of working
40 and 15 meters on the 40 meter dipole with the 20 meter connectors
attached. And, when I want to work 20 meters I just drop the ends a
little and disconnect the spade lugs. So I can work 3 bands without
any tuner with very good swr. Hope this helps.

Nick

Nick Franco - RHIC Computer/Network Support

Building 1005 2nd Floor Rm. 201
UPTON, N.Y. 11973-5000 U.S.A.
tel:(516)282-5467 fax:(516)282-3674

From owner-qrp-l@netcom.com Wed Apr 5 04:13:53 1995
From: rohrwerk@holonet.net
Date: Mon, 3 Apr 1995 19:58:27 -0700
Message-Id: <199504040258.TAA17765@holonet.net>
Subject: Re: ferrite material and

Verily hath jfw@jfwhome.funhouse.com written:

```
> For broadband use, the frequency range of 61 material is roughly .2 to
> 100MHz; the range of 43 material is .01-10MHz. You can get by with
> fewer turns on 43 material, so if your application is in the right
> frequency range, it's the material of choice (and sure enough, 14MHz
> is (I think) about as high as the Notebook goes. (This is dug out of
> DeMaw's "Ferromagnetic Core Design & Application Handbook", which I
> believe Amidon sells, and a dim memory that the broadband range is
> approximately 10 times the Hi-Q tuned- circuit range.)
```

This is the key. Remember that your transformer works without the ferrite the higher in frequency you go.

I must also point out your faulty memory :-)) -- those notebooks seem to cover the entire HF range, since filters are provided for the 10-meter band, and he implies that the broadband circuits using 43 transformers will operate up there.

And even in Solid State Design, I see on page 198 the linear amplifier chain for a DSB 144 MHz rig. Even at 144 MHz, he's using bifilar broadband transformers wound on FT-23-43 cores!

```
: John Seboldt rohrwerk@holonet.net / I am Bach of Borg...
: Amateur radio K0JD... / your style will be
: Church of the Annunciation, / assimilated.
: Minneapolis /
```

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-> Alice4Mac 2.3 E QWK Eval:05Mar94
```

From owner-qrp-l@netcom.com Wed Apr 5 06:16:43 1995
Date: Wed, 05 Apr 1995 11:16:47 EDT
From: Anders Wdndahl <aw@lib.kth.se>
Message-Id: <0098E6CF.34625CE0.2@lib.kth.se>
Subject: FS: TenTec boards for PM-??

I have three old TenTec additional boards, which I suppose should fit in some PM-?? rig. One board is the AC3 (21 Mc to 3.5 Mc converter), a second I think is marked MR1, also some kind of converter, and finally I have a af-amplifier board. Included is schematics and manual for the AC3, a round scale (covering 3.5/7/21 Mc), and a trim tool.

Anyone interested? I am only asking surface mail postage, or maybe a swap if you have anything interesting.

72 Anders

SM0HPL AW@lib.kth.se

From owner-qrp-l@netcom.com Thu Apr 6 06:54:40 1995
Date: Thu, 6 Apr 95 03:32:02 -0500
From: bfinch@asp.vet.purdue.edu (Robert Finch)
Message-Id: <9504060832.AA00462@asp.vet.purdue.edu>
Subject: hambrew

uh...sri but i have 'lost' who sent the request for the number at Hambrew mag....so i'll have to leave the info here... try 303-989-5642....da dude is George De Grazio, WFOKde...baab, n6cxb

From owner-qrp-l@netcom.com Thu Apr 6 03:43:08 1995
From: david.gauding@slug.org (David Gauding)
Subject: Hospitality Suite Antenna Farm
Date: Thu, 6 Apr 1995 04:25:56 GMT
Message-Id: <9504052330151796@slug.org>

Wondering who is taking charge of the antenna farm for the Hospitality Suite station at the Days Inn South?

I've got several portable antennas that might be useful. One is a 45' random wire vertical that does a pretty fair job on 10-80M. Another is a classic 20M groundplane based on a collapsible 20' fiberglass fishing pole.

Please advise!

73 de NF0R david.gauding@slug.org

From owner-qrp-l@netcom.com Wed Apr 5 06:34:36 1995
Date: Tue, 4 Apr 1995 13:03:03 -0400

Message-Id: <199504041703.NAA26801@service1.uky.edu>
From: wlfuqu00@pop.uky.edu (Bill Fuqua)
Subject: HW-7 Manual

I need a copy of a manual for a HW-7. At least a schematic if manual is not available.

Bill ko4ww

William L. Fuqua III P.E.
Department of Physics and Astronomy
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU

From owner-qrp-l@netcom.com Wed Apr 5 10:00:00 1995
Date: Tue, 4 Apr 1995 05:36:32 -0700 (PDT)
From: Steven Wilson <randyw@crl.com>
Subject: Re: KeyCAD electronic library...
Message-Id: <Pine.SUN.3.91.950404053551.22453A-100000@crl9.crl.com>

i down loaded nukeycad.msg and it works great. thanks de stan ak0b

From owner-qrp-l@netcom.com Wed Apr 5 15:52:38 1995
Date: Wed, 5 Apr 1995 13:28:56 -0400 (EDT)
From: EVI <evi@access.digex.net>
Subject: Re KeyCAD files via FTP
Message-Id: <Pine.SUN.3.91.950405132035.26213A-100000@access3.digex.net>

I downloaded the KeyCAD file from sunsite.unc.edu, getting the nukeycad.msg file--the one which is already binary and not uuencoded--and loaded it into my machine. Next, very important, I renamed it to some convenient name with the extension .KCF. Having the .KCF extension is important, since that tells KeyCAD that it is a drawing file. I then loaded it into KeyCAD and my original drawing popped right up on the screen, with my 81 symbol library intact. (That includes most of the library that comes with it as well as over 30 of my own symbols, most--not all--prefixed with MY, such as MYCAP.)

AB4EL is quite right, I do need to write a README file to go with it, and will get that done fairly soon. I have been sending out an info file on KeyCAD, which is a good start towards one.

My library file (which is actually a drawing with appended library file)

was done on an MS-DOS machine. I do not know if the file format is the same for the Macintosh version. If anyone is running KeyCAD on the Mac and tries my file to see if it works, please let everyone know.

If you have any questions or comments, please do not address them to EVI, which is in the header of this message. I am doing this at lunch time on the system from work with the company account, and there is one account for 40+ people so we try to keep personal mail off it as much as possible to reduce the clutter. Please reply to

wa8mcq@hambbs.wb3ffv.ampr.org

73 and Queue Our Pea DE WA8MCQ

From owner-qrp-1@netcom.com Wed Apr 5 12:25:20 1995
Message-Id: <9504051439.AA13169@us1rmc.bb.dec.com>
Date: Wed, 5 Apr 95 10:41:21 EDT
From: "Dennis, K1YPP, 226-5982" <blanchard@nac.ENET.dec.com>
Subject: Looking for Sencore LC-75 Z-meter Schematic?

Hi Folks:

Anyone out there have a schematic of the Sencore Z-meter, LC-75? It must be about 13 years old. The power supply section seems to be gone south and I would like to fix it.

Thanks all.

Dennis, K1YPP

From owner-qrp-1@netcom.com Wed Apr 5 06:28:12 1995
Date: Sun, 2 Apr 95 23:22:59 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9504030422.AA03186@chuck.dallas.sgi.com>
Subject: Lost & Found

Lost. One MFJ Tuner 941C. Whereabouts unknown. I can't believe I let this prized possession slip away. Somewhere between the last fox hunt and this last weekend.

Found. Several HW-9 and HW-8 power supplies. I got one working to go with the Explorer for 40M that I am loaning out.

Found. Tucker T-1000 tuner which is larger than every rig I own except the Corsair, which is still in the box. :-)

As it turns out, it's not a bad tuner and works well with the 40M stuff.

Found. Problem with 40a, it's back on the air, so #2 stays in the closet. :-)

Found. Bad transistor in GC-1000 clock, so we're back on time again. This clocks bumps up the hour for savings time at 2am UCT!!! Not local time. I was working on it when it did it too. :-)

Found. One Heathkit Micromatic keyer. Missing base, thus micro and other parts available for spares. I'll bring it to Dayton.

Found. Files for previous 43 awards for the last year and I've printed them out and sending out all on Monday morning at different postal site. Hopefully this will get the "police" off my case. :-) :-)

Not a bad weekend, considering we lost an hour of time. Now I have to add 7 hours to UCT instead of the usual 6. Geez. This arithmetic is getting too hard.

OK. Back to your regularly scheduled programming.

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Wed Apr 5 16:58:10 1995
Message-Id: <199504051542.AA15498@zia.aoc.nrao.edu>
Date: Wed, 5 Apr 1995 09:42:01 -0600
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Re: Lost & Found

Lost: That nice neat CLEAN workbench I built a coupla years back

Found: Another ham whose shack sounds like mine!

Paul NA5N

From owner-qrp-l@netcom.com Wed Apr 5 19:10:48 1995
Date: Wed, 5 Apr 1995 16:49:46 -0400 (EDT)
From: James Lyons <jlyons@CAM.ORG>
Subject: Re: MIZUHO HTs in Ramsey flyer
Message-Id: <Pine.SOL.3.91.950405164904.1757D-100000@ocean>

On Tue, 4 Apr 1995, David Feldman wrote:

> I received a copy of a Ramsey "spring deals" flyer. They are offering
> Mizuho HF SSB/CW HTs in various bands. No detail on accessories.
> Their phone on the flyer is 800 446 2295.
> 73 Dave WB0GAZ dgf@netcom.com
>

I'd be interested in what price they are asking ... I just a used 20
metre model.

Jim, VE2KN

From owner-qrp-l@netcom.com Wed Apr 5 06:26:31 1995
Message-Id: <199504041353.AA18687@nyjets.bigcat.bellcore.com>
Subject: MORE! HTTPable projects and questions galore.
From: Luis Anaya <papo@bigcat.bellcore.com>
Date: Tue, 04 Apr 95 09:53:55 -0400

Ok, now that Stephen Tier (KG8IH) gave me the go ahead to ask
more questions, I have more questions :). This is regarding the QRP projects
on <http://www.acs.ncsu.edu:80/HamRadio/HF/qrp/projects/>

BTW, Thanks a lot Stephen!

1. There is a 80 meter rig with a VFO, what parts of the radio constitute
the VFO??? I am assuming that it is using the two capacitors with
an inductor as the oscillator. Then it says that the VFO circuit
must be shielded. What kind of shielding should I use? (what's that,
put a metallic casing surrounding the circuit??)

2. There is also another circuit which is supposed to go up to 15 Watts.
It also has a crystal. However I'm not sure if it that takes different
crystals and then, the circuit modifies to be able
to use a 80 m or 40 m crystal or that it takes a fundamental
crystal and is able to generate 80m or 40 m signals with the same
crystal. I'm inclined to think that it just take different crystals
and that the circuit can use either kind, but that does not
generate two different signals with the same one.
It also mentions about Zero Beating and I have no idea of what's that.
What's Zero Beating???

3. The next question is regarding receivers but Stephen was kind enough
to suggest the Kanga US Sudden receiver.

Thanks for your help, I'm still trying to get the boatanchor to get
a contact to somebody, but I think that I have to rework my antenna because

I'm either not being heard or that my receiver needs a better antenna than the one it has (a random wire, well, actually it is a window frame dipole :)). Anyway, I'm getting a lot of practice with the brass, so I can not complain. :) :) :). (Just in Case.. I'm still on 7.140 until I either construct a VFO or I buy more Xtals).

'72

--

Luis Roberto Anaya-Rivera	papo@donuts0.bellcore.com
The Installer	papo@bigcat.bellcore.com
Bellcore, NJ	Ham: N2ZXE/AG

From owner-qrp-l@netcom.com Wed Apr 5 13:45:52 1995
Date: Wed, 5 Apr 1995 09:53:34 -0700
From: dgf@netcom.com (David Feldman)
Message-Id: <199504051653.JAA05518@netcom17.netcom.com>
Subject: Need to find HAMBREW Magazine

I'm trying to contact "Hambrew magazine". I tried to start a subscription but received nothing and their 800 number is disconnected. Does anyone have a non-800 number for them?

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-l@netcom.com Wed Apr 5 07:20:10 1995
Message-Id: <199504050214.TAA12150@interval.interval.com>
Date: Tue, 4 Apr 1995 19:12:29 -0800
From: burdick@interval.com (Wayne Burdick)
Subject: NorCal 40A Low RX volume mystery solved

[Doug: Please add this to next QRPP.]

A few NorCal 40As had the following problem:

"I can't hear anything. C1 and C2 have no effect..."

It turns out that this was my fault. The schematic and PC board are correct, but the manual is confusing, leading some builders to reverse the primary and secondary of T2.

On page 12 there is a drawing of the first transformer you wind, namely T1. I tried to save myself the trouble of adding a separate drawing for T2 by stating that you "wind T1 in the same manner as T2." I then added some

confusing stuff about the primary and secondary windings being different on some of the toroids. You'd think a guy with a Cognitive Science degree could avoid Bozotext.

I'll fix this in the next revision of the manual. Mean time, if you think your NC40A might be suffering from this affliction, here is a clear statement of what to do with T2:

1. Wind the secondary (21 turns #26) on the core and strip the leads. Have a 1" piece of bare solid copper wire ready for the primary.
2. Insert the secondary leads into the holes marked "1" and "2" on the PC board at T2. (You can tell from the silkscreen on the board that these two holes are for the large secondary winding).
3. Now insert the 1" piece of wire through the core as the primary winding, and insert it into the holes marked "3" and "4." (The 1" piece of wire is basically coming from the "3" hole, doing a U-turn through the core, and going to the "4" hole.) Solder all four leads.

Hope this clears it up. What really amazes me is that people were actually able to hear a few signals even with the windings of T2 reversed!

73,
Wayne

From owner-qrp-1@netcom.com Wed Apr 5 09:32:34 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: NUKEYCAD
Date: Mon, 03 Apr 95 22:32:31 EST5EDT
Message-Id: <1995Apr03.223231.2735@wb3ffv.ampr.org>

> I downloaded nukeycad.msg from sunsite and havent figured out how to import
> it into keycad. got any suggestions ?
>
[deleted]

That from WA8LCZ. I haven't tried downloading it to see how to import it; I only sent my file to AB4EL and have no knowledge of where he put it or how it was encoded or how to get it out. (See his earlier message for some clues.) And if it really is uuencoded as he said, I can't do much with that, either, since I don't have uudecode capabilities.

For those who consider themselves to be among the FTP Impaired, the offer

still stands of sending me a formatted MSDOS disk with prepaid mailer and I'll send you a copy of some of my latest files, which have a couple more symbols than the one I sent to AB4EL.

By the way, KeyCAD is NOT a schematic drawing program. It is a drawing program which happens to be usable for drawing schematics, but can also be used to draw pictures and PCB layouts. I have a few drawings in the Idea Exchange in the April QRP Quarterly (not out yet) which were done with KeyCAD, and QRPP has had a PCB layout or two done by KI6DS with KeyCAD. Neat program! (And quite easy to add your own custom electronics symbols to the library...and the meager one which it comes with can certainly use some additions :-))

73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Thu Apr 6 03:17:11 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9504052254.AA10138@cybernetics.net>
Subject: Re: NUKEYCAD...how it was sent
Date: Wed, 5 Apr 1995 18:54:44 -0400 (EDT)

Well this clears up why the KeyCAD file got to me with the generic internal name of 'message.msg'.....

> That from WA8LCZ. I haven't tried downloading it to see how to import
> it; I only sent my file to AB4EL and have no knowledge of where he put it
> or how it was encoded or how to get it out. (See his earlier message for
> some clues.) And if it really is uuencoded as he said, I can't do much
> with that, either, since I don't have uuencode capabilities.

>

> 73 and Queue Our Pea DE WA8MCQ

> --

> Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
> E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org

Evidently, the system that Mike uses at work is something like the Pegasus emailer....which understands that *binary* files can not be *directly* emailed. :^) So it *automatically* uuencodes it.

The recipient (me) knew immediately by looking at it that it was uuencoded (just goes to show what a great training ground the Usenet alt.binaries.erotica.* groups are :^).

If the recipient happen to receive that file via a Pegasus email reader, the message would have been *automatically* converted back to binary...ready to use. A threaded newreader like 'trn' can autosense almost all of the prevalent encoding schemes in use...real handy for a.b.e.*

If Mike were to ftp the nuKeyCAD.uue file and then *email* it to himself at EVI, it is likely that his email reader would prompt him about the *automatic* uudecoding performed as a courtesy. :^)

The message I received had an internal header entitled 'message.msg' (which makes sense to an email machine). I am the one who renamed the file 'nuKeyCAD.*'...which makes more sense to humans. :^)

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-1@netcom.com Wed Apr 5 11:39:00 1995
Date: Wed, 5 Apr 1995 07:34:09 -0600 (MDT)
From: Blair Heinzlmeir <blair@tibalt.supernet.ab.ca>
Subject: nuKeycad.uue
Message-Id: <Pine.HPP.3.91.950405073207.15375A-100000@tibalt.supernet.ab.ca>

Can somebody please tell me how to get this file off sunsite.unc.edu.
I keep getting directory not found errors.
thanx Blair VE6BJH

From owner-qrp-1@netcom.com Thu Apr 6 04:39:47 1995
From: gbrcfdrj@ibmmail.com
Message-Id: <199504060321.UAA00925@mail.netcom.com>
Date: Wed, 05 Apr 1995 23:23:34 EDT
Subject: Phone Number for Hambrew Magazine

Hi folks -

According to the Winter '95 issue of Hambrew, the phone number for subscriptions is: (303) 989-5642. It's \$10 per year - 4 issues.

72/3!
David, KE0AZ
CQC #6

From owner-qrp-1@netcom.com Wed Apr 5 06:41:50 1995
Date: Tue, 4 Apr 95 11:44:59 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9504041644.AA05955@chuck.dallas.sgi.com>
Subject: Price List

Wow, no more email guys. I'll post to the whole group.
Inquiring minds hungry for information everywhere.... :-)

No problem. Look for first version on Monday and we'll
put it somewhere in a FAQ.

Send in your info by friday. Sources will be quoted.
Some guys are sending stuff like serial numbers and that
is neat too. You can guess the age of a piece of equip,
mods, updates, etc if you know something about the serial
number too.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Wed Apr 5 06:32:52 1995
From: Gmptkq4al@aol.com
Date: Tue, 4 Apr 1995 12:12:55 -0400
Message-Id: <950404120729_71355886@aol.com>
Subject: QRP

Subscribe

From owner-qrp-l@netcom.com Wed Apr 5 09:22:15 1995
Date: Mon, 3 Apr 1995 21:33:29 -0400 (EDT)
From: Robert Welch <willis@infinet.com>
Subject: qrp
Message-Id: <Pine.3.89.9504032142.A2702-01000000@rigel>

subscribe

mqq
x

From owner-qrp-l@netcom.com Wed Apr 5 04:29:52 1995
Date: Tue, 4 Apr 95 14:19:18 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)

Message-Id: <9504041919.AA06171@chuck.dallas.sgi.com>
Subject: QRP ARCI Info

QRP ARCI History, Purpose and Policies

The QRP ARCI was founded in 1961 by the late Harry Blomquist, K6JSS, with the 100 watts or less at all times. Due to increasing interest in true low power operation, and through the leadership of then-president Tom Davis, K8IF, the Club voted in the late 1970's to redefine its purpose in that direction, and adopted the generally accepted definition of QRP as 5 watts output CW and 10 watts PEP SSB.

The voluntary 100 watt power limit was later abolished; members may run any legal amount of power necessary at any time, for any purpose, although the 5 watt limit should be observed when claiming to be operating QRP. Club awards and activities are geared to the 5 watt and under level. The QRP ARCI does not advocate the reduction of the legal power limits of amateurs in any country, and serves only to provide a forum for those who enjoy the thrills and challenges of building and operating with low power equipment. The QRP ARCI is a member of the World QRP Federation and maintains ties with various other QRP organizations.

The QRP ARCI publishes the QRP Quarterly in January, April, July and October. All contributions are welcome and should be directed to the appropriate editor or columnist. (No payment is made for material published. Unless expressly requested, manuscripts, drawings, pictures and diskettes will not be returned.) Except for those items with a copyright indication, material may be reprinted elsewhere if proper credit is given to the author and the QRP Quarterly. The products, projects, features and fantasies described are intended solely for the enjoyment of our readers. No testing has been done unless explicitly stated, and no warranties are intended nor implied. The QRP ARCI and QRP Quarterly in no way warrant any commercial or private offers herein unless expressly stated.

To promote on the air QRP operation, the QRP ARCI promotes the use of designated QRP calling frequencies, regular QRP nets, and a program of QRP operating awards and contests. Information on these is found in the QRP Quarterly from time to time. Detailed information on the awards program is available from the Awards Chairman. To join the QRP ARCI or renew your subscription to the QRP Quarterly, see the info below.

USA new member \$12, renewal \$10
DX new member 7 Pounds, renewal 6 Pounds

send Check or MO made out to QRP-ARCI to

Mike Bryce
2225 Mayflower NW
Massillon, OH 44647

for DX (outside of NA/SA) send Check or MO in British pounds payable to G-QRP to

Dick Pascoe, G0BPS
Crete Road East
Folkestone, Kent CT18 7EG
England

with check or MO send your name, call, mailing address.

Technical articles to

Ray Anderson, WB6TPU
3440 Gross Rd.
Santa Cruz, CA 95062
rander@netcom.com

other articles to

Paula Franke, WB9TBU
P.O. Box 873
Beecher, IL 60401

If you are thinking of joining, now is the time as Dayton will see an influx of renewals and new memberships. Beat the rush.

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Wed Apr 5 18:14:19 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: QRP ARCI Info
Date: Wed, 05 Apr 95 13:10:43 EST5EDT
Message-Id: <1995Apr05.131043.24655@wb3ffv.ampr.org>

Correction to the blurb chuck posted: While technical full length articles go to Ran Anderson, the new Tech Editor, non technical articles no longer go to Paula Franke. The new non-technical features editor, as announced on QRP-La while back, but neot yet announced in the QRP Quarterly, is Larry East, W1HUE, a regular on the QRP mailer. short technical items, too short forfull length articles, can go to me

for the Idea Exchange column, which is a gathering of shorter items in each issue. Finally, Monte Stark, KU7Y, is taking over the job of "final editor who assembles the whole thing", pending final approval by the QRP ARCI Prez and/or whatever other approval is required; Paula will be doing the July issue f\after all, and Monte will take overwith the October issue. Details to follow from him eventually (probably).
73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Thu Apr 6 06:15:07 1995
Date: Wed, 5 Apr 1995 23:46:35 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Re: QRP ARCI Info
Message-Id: <Pine.SUN.3.90.950405232545.575A-100000@nimbus>

On Wed, 5 Apr 1995, Mike Czuhajewski wrote:

> >>>>>>> Finally, Monte Stark, KU7Y, is taking over the job of
> "final editor who assembles the whole thing", pending final approval by
> the QRP ARCI Prez and/or whatever other approval is required; Paula
> will be doing the July issue f\after all, and Monte will take overwith
> the October issue. Details to follow from him eventually (probably).
> 73 and Queue Our Pea DE WA8MCQ
> --

Lots of time before I need to start doing anything
other than learn! Hope to get a chance to meet everyone
at Dayton Sat Night at the Banquet.

Paula has worked very hard for a long time and she can
no longer devote the time needed.

We all need to send her a BIG thank you for all that
she has done. She will also be there for me to call and
ask "how"!

As I get up to speed I will be needing (and asking for)
your support and help.

See you all (?) at Dayton,

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-l@netcom.com Wed Apr 5 04:15:49 1995
From: CamQRP@aol.com
Date: Tue, 4 Apr 1995 00:42:37 -0400
Message-Id: <950404003231_70970047@aol.com>
Subject: QRP ARCI Spring QSO Party

Hi Gang -

The QRP ARCI Spring QSO Party is this coming weekend, April 8-9. Now that you have returned from the field and unpacked your station, it's time to hook it up to the big home arrays for some more contest fun.

There's still plenty of time to register your team, if you are so inclined. Team milliSOTA is armed and ready to take on all comers, so if your group is up for the challenge, let me know by e-mail before the start of the contest.

Condensed rules:

Date/Time: April 8, 1995 - 1200Z through April 9 - 2400Z. Operate max of 24 hours.

Exchange: Member - RST, State/Province/Country, ARCI Number
Non-member: RST, State/Province/Country, Power output.

QSO Points: QSO with member = 5 points
QSO with non-member, same continent = 2 points
QSO with non-member, different continent = 4 points

Multiplier: SPC (State/Province/Country) total, all bands. The same station may be
worked on more than one band for QSO Points and SPC credit.

Power Multiplier: 1 to 5 Watts out, X7; 0 to .99 watts out, X 10.

Scoring: Total of QSO points (all bands) times total of SPCs (all bands) times power
multiplier.

Entry class: Enter as an All-Band, Single Band, HI-Band (20M, 15M, 10M, and/or 6M), or LO-Band (160M, 80M and 40M) entry.

Send logs within 30 days to me, Cam Hartford, N6GA, QRP ARCI Contest Manager,

1959 Bridgeport Ave., Claremont CA 91711, or via Internet to CamQRP@AOL.com

72/73

Cam N6GA

From owner-qrp-1@netcom.com Wed Apr 5 03:45:22 1995

From: Byron8LCZ@aol.com

Date: Tue, 4 Apr 1995 23:23:01 -0400

Message-Id: <950404231932_72171590@aol.com>

Subject: Re: QRP Contesting

>I would like to see the rules changed so that you could at least
>have a separate power multiplier on each band depending on what you are
>running there. That way, you could tweak your power on a per band basis
>depending on how much you think you need to be effective.

But band conditions will change dramatically in a 8 hour contest. Especially on 40 or 20 meters. condx could start out bad, then get very good in a few hours, you could be stuck with a 5 watt multiplier, just when the band opens up.

Being able to try a 1 watt contact, then change to 5 watts give you the option of playing with lower power and if it still doesnt work, you can still make the contact with higher power. It ensures everyone a chance at a higher number of contacts and doesnt limit anyone. It will make scoring more complicated but it will make the contests much more interesting with a higher number of ops.

Also, running homebrew gear is a reward in itself. Its self satisfaction and pride in building and aligning a transceiver from parts. Then actually working someone on it. Do we need to add a multiplier to futher reward those hardy homebrewers? I'd like to see more QRP'ers get involved in QRP contesting for the fun of it. Improvements in operating skill, code speed and equipment will come in time. These contests will be much more fun if there are hundreds of ops to work. Too many hours, i've listened to 40 and 20 meters and only worked 4 contacts per hour. weather its poor propagation, local QRN, Amtor'ites or rag chewers on the frequency, we need to increase the number of ops.

72, Byron WA8LCZ Detroit

I didnt hear any other ops from Mich in this last contest. Not one.

From owner-qrp-1@netcom.com Wed Apr 5 04:05:41 1995

From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: QRP Contesting
Date: Wed, 05 Apr 95 00:37:23 EST5EDT
Message-Id: <1995Apr05.003723.6858@wb3ffv.ampr.org>

Thanks for reposting your e-mail to me to qrp-l as I requested. I pretty much go along with your views about having a separate contest for milliwattting. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Wed Apr 5 09:50:56 1995
Message-Id: <199504051247.IAA05458@jfwhome.funhouse.com>
Subject: Re: QRP Contesting
Date: Wed, 05 Apr 1995 08:47:00 -0400
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

Another possibility for devising a QRP contest that would interest hard-core contesters: first, don't limit the contest to QRP rigs, instead limit the output power to (say) 100W (most of the QRO guys will at least remember how to bypass their amplifiers, even if the switch may have rusted in place :-). Then, score according to the power of the station you *work*, perhaps something like 1 point for 100W, 2 for 50W, 10 for 10W, 20 for 5W, 100 for 1W or less. This will remove the oft-heard excuse of "hey, I did all the work in that contact", and makes QRO-QRO contacts pointless (heh). It's an interesting question how QRP ops would fare under those rules; are QRP ops better at hearing other QRP ops than QRO ops? Perhaps you should add a small multiplier for using low power (maybe 1.5 for < 5W, 3.0 for < 1W). Would the big pileups be QRO operators acting like beacons, or will the QRO operators mob QRP operators? (I'd bet the former, but the really interesting pileups would be the QRP operators who go up 5Kc and pick up everyone who got attracted by the loud signal next door...)

72, John, WB7EEL

From owner-qrp-l@netcom.com Wed Apr 5 10:17:02 1995
From: Byron8LCZ@aol.com
Date: Wed, 5 Apr 1995 09:17:29 -0400
Message-Id: <950405091610_72487739@aol.com>
Subject: Re: QRP Contesting

The Heard Island DX-pedition is all QRP ?????
Are you serious?

Heres what we need, a DX-pedition to some exotic Carribbean island surrounded

by tropical breezes and propagation in the high 90's, plenty of rum & fruit drinks and thousands of feet of copper wire. a dream come true. (Now back to reality)

After working most of the QRP contests for the last year and a half, the one big glaring fault is not enough activity. And the lower the activity falls, the fewer the participants in the next QRP contest. Its nice to make 10 contacts at 1 watt (for 8 hours?) but i want to work at least 80 contacts in 8 hours. After all, these clubs are asking us to give up most of a Saturday to work their contests. How many of us have that much time to give away 12 or 15 times a year?

After all, next weekend, April 8-9 is the ARCI Spring CW contest. 24 hrs of QRP contesting.

The next weekend, April 14-16 is the Japan International CW DX contest, on 10m, 15m and 20m. Tell me you're going to miss this one.....

The next weekend, April 22-23 is the 10 meter Cw contest.

"If" I were going to skip any of these contests, the one with the lowest turnout would be first to go.

72, Byron WA8LCZ Detroit

From owner-qrp-l@netcom.com Wed Apr 5 13:22:56 1995
Message-Id: <9504051338.AA19732@esds01.es.dupont.com>
Date: Wed, 5 Apr 95 09:38:29 EDT
From: "Stephen M. Shearer, 695-7719" <shearer@eplram.dnet.dupont.com>
Subject: Re: QRP Contesting

On Tue, 4 Apr 1995 Byron8LCZ@aol.com wrote:

> I had trouble working the 1 watt or less group this time. Some were so weak,
> that I asked for repeats and others were not even strong enough to make it
> into my receiver, even though they had good locations and antennas.
> Propagation conditions are only going to get worst as summer approaches.
> Perhaps a contest where we CAN vary the power depending on conditions at
that
> minute and depending on the band we're on and how well, we're receiving the
> other guy. You could call someone at 1 watt, if he doesnt answer, kick it up
> to 5 watts. You get more points for the 1 watt contact if you can make it.
> this would satisfy everyones lust for milliwatting and still allow everyone
> to make a bunch of contacts. perhaps in the exchange, you could say "559 MI
> 1W".

>

I have a related, but less radical proposal. In a lot of the contests now your power multiplier is determined by the highest power you used on any band. I would like to see the rules changed so that you could at least have a separate power multiplier on each band depending on what you are running there. That way, you could tweak your power on a per band basis depending on how much you think you need to be effective.

72/73... howie
wb2cpu@world.std.com

Or even score your log for each contact.... 20 qso's at .98w and 30 qso's at 4.95w. maybe limit power changes (how many times).

The real problem is KISS, Keep It Simple... It SHOULD be fun, I have entered many VHF contests with little hope of winning against the Big Gun\$. I try to do better then I did before and to have FUN. I havn't had fun (or entered) in a number of years...

Make the multiplier = $1 / (\text{sum of AmpHr} \times \text{voltage})$ rating of the battery(s) used. The lower the power, the longer the batteries will last (no recharging??). If you just want to make a few contacts, use 5 watts and AA rechargables (~0.5Ahr)...

73, Steve

From owner-qrp-l@netcom.com Wed Apr 5 17:27:13 1995
Message-Id: <199504051714.AA23223@nyjets.bigcat.bellcore.com>
Subject: Re: QRP Contesting
Date: Wed, 05 Apr 95 13:14:22 -0400
From: Luis Anaya <papo@bigcat.bellcore.com>

>

> Heres what we need, a DX-pedition to some exotic Carribbean island surrounded

Naaaaaaah.. I'll end up visiting my folks. :):):). There is nothing exotic there for me. Maybe, just maybe, in a tiny island on the Alaskan archipielago, now we're talking :) :) :) (Do not blame me, I'm from KP4 land. :))

> by tropical breezes and propagation in the high 90's, plenty of rum & fruit

Don Q 151 Rum, of course. :) :) :)

> drinks and thousands of feet of copper wire. a dream come true. (Now back to
> reality)

Well, I'll do that at least once a year (After I buy a QRP rig for traveling, as a present for moi.). Of course, I could go to the Ham Station over UPR@Mayaguez, but it wouldn't be the same. :) (no drinks allowed, but the view is nice. :)).

If I go DXpedition, I might go to either, Culebras Island, Mona Island, Palominos Island or Caja de Muertos Island, These are all small islands a few miles from Puerto Rico. Worst comes to worst, at least I'm able to put a rig in my folks' house over at the beach without worrying about the rangers, critters and onlookers :).

Anyway, if somebody here wants info about how to go around KP4 land, feel free to email me. I'm supposed to be a member of FRAPR (Puerto Rican Amateur Radio Federation) but they have not replied to me.

'73

--

Luis Roberto Anaya-Rivera	papo@donuts0.bellcore.com
The Installator	papo@bigcat.bellcore.com
Bellcore, NJ	Ham: N2ZXE/AG

From owner-qrp-l@netcom.com Wed Apr 5 15:38:19 1995
Message-Id: <199504051501.AA13215@zia.aoc.nrao.edu>
Date: Wed, 5 Apr 1995 09:01:24 -0600
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Re: QRP Contests/homebrew?

There's another kinda sensitive subject that perhaps someone needs to bring up: commercial vs. homebrew. I noticed those posting their results, many state they used a NorCal 40a, yet most failed to include the 1.5 multiplier for homebrew. Is a kit a homebrew rig???? I don't think anybody knows (been a thread on QRP-L before).

Say ya buy a NN1G kit, beef it up to 5W, put it in a nice enclosure, add your own AGC, which also drives a neat S-meter you added, etc. Now is this homebrew??? I don't think anybody knows.

Or in my case, I have two MFJ's that even MFJ would no longer recognize, inside or out. The whole thing is built in a homebrew mini-rack of polished steel and clear plastic front panels. Is that homebrew?

Until the QRP community can agree where one draws the line in the sand as to what is commercial or homebrew, the multiplier for such is kinda vague and obscure. Many of us are proud of our modifications, which probably is the result of far more time than kit building. I have seen

some rigs heavily modified by the owners that are works of art. This is a category that gets hams building and a category that should not be ignored.

72, Paul NA5N

From owner-qrp-l@netcom.com Wed Apr 5 20:39:20 1995
From: N5EM@aol.com
Date: Wed, 5 Apr 1995 17:44:09 -0400
Message-Id: <950405174406_72992008@aol.com>
Subject: Re: QRP Contests/homebrew?

Paul,

Totally agreed. At most (worst?) there should be three categories; homebrew (completely from schematic diagram), kit (someone else put the parts in a bag or box) and commercial.

The goal is the thing and until we can decide what the goal is, this will not go anywhere.

Opinion: The goal should be to 1) encourage operating and contesting and 2) to encourage building (whether homebrew or kit). As to how to score, I don't know that it really matters. The best solution would to not have any multiplier at all regarding the origin of the rig. Simply have 3 categories as outlines above. One participates in the contest with everyone, but one only competes with gear in ones class. That way, the best op with a homebrew (no kits) wins that category, the best op with a kit (ANY kit) wins that one and the best op with a commercial rig is thus recognized as well.

The whole idea of awarding bonus points or multipliers for the origin of a rig creates a caste system that cannot encourage more operating or more building.

I really like the suggestion of awarding QSO points based on the power of the Worked station. Reward the hard work of the receiving station, whether QRO or QRP. Or, how about a hybrid of several suggestions?

How about calculating QSO multiplier as $1/(\text{my power}) * (\text{your power})$, where power is:

under 1 watt, actual power (eg., 500 mw = 0.5)
1 watt to 5 watts, 2
5.001 watts to 10 watts, 3
10.001 watts to 100 watts, 4
100.001 watts and up, 5

So, if I work you, me at .9 watts, you at .9 watts, we'd take the QSO points

(1 SSB, 2 CW like ARRL field day), multiply by 1.23 to arrive at the QSO score. If you worked a QRO station, where you were .9 and the other station was 80 watts, multiply by 0.28.

While this may sound cumbersome, a simple computer program could score the thing in a flash. We'd just have to enter both power levels. And, of course, you could change your power level at will. The only requirement is that you can't change powers down once in a QSO. If you go down, still have to use the higher level. If you have to go up, you use the final higher level. And, power would be an integral part of the exchange.

Of course, if this is too complicated, maybe we could use the log (to the base 10 for you math guys) of your RST report, multiplied by the inverse squiggle of the actual PEP power level, expressed in dbm , ...

What cha think, Cam?

72
Ed

From owner-qrp-l@netcom.com Thu Apr 6 03:03:41 1995
From: "Richard Fisher" <RFisher@pe.com>
Date: Wed, 5 Apr 1995 08:45:34 PST8PDT
Subject: QRP Quarterly "Members' News"
Message-Id: <1ACD6FD09C5@calvin>

A recent posting from Chuck Adams, K5FO, contained erroneous information about submission's to QRP ARCI's "QRP Quarterly."

Items for the publication's "Members' News" column should be sent directly to:

Richard Fisher, KI6SN
1940 Wetherly St.
Riverside, CA 92506

Or by e-mail: KI6SN@aol.com

Thanks and 72,

Richard Fisher, KI6SN

From owner-qrp-l@netcom.com Wed Apr 5 04:19:04 1995
Message-Id: <9504041747.AA25995@ig1.att.att.com>
From: mvjif@mvubr.att.com (James M Fitton 508 960 2577)
Date: 4 Apr 95 13:43:00 -0400

Subject: QRP To The Field

Great contest ! Congratulations to Portable and HB stations !

I could only work the last hour from home using an old analog Argosy at 5W, and random wire ant.. Worked KP4DDB and had a nice chat with G3SVW/5N0 on 14.060.

Some using random wire antennas seemed to have a bit of trouble radiating. Wonder if you used an efficient ground/counterpoise system and a decent tuner ?

Two or more (more is better) quarter wave length radials connected to the tuner ground terminal and spread out as far as possible, and not connected to anything else, are excellent and ultra simple to employ. A Quarter Wave Length = $468/2F$. (Remember 2-4-6-8. F is the frequency in Megahertz. For 7 MHz: ie.... $468/14 = \sim 33.5$ feet is close enough). Radial counterpoises (sp?) do not have to be exact lengths and many shorter ones are considered to be better than a few long ones. Radials can be very thin wire, as current is minimal. Experiment, and let the rest of us know how you made out.

Again, Congrats ! Very nice contest.

From owner-qrp-l@netcom.com Thu Apr 6 02:56:36 1995
From: Kirkekirk@aol.com
Date: Tue, 4 Apr 1995 20:03:35 -0400
Message-Id: <950404200333_71898465@aol.com>
Subject: QRP vanity call sign

Is there an FCC rule against issuing 1x3 calls with QRP in the suffix ie W#QRP.

From owner-qrp-l@netcom.com Thu Apr 6 00:26:27 1995
Message-Id: <n1415010524.61009@wgs-2.bwi.bls.com>
Date: 5 Apr 1995 19:58:44 -0500
From: "evans ken" <evans.ken@wgs-2.bwi.bls.com>
Subject: QRP+ Group Order

I spoke with Index Labs yesterday regarding a number of items. I thought I'd pass the following on to the list.

Bruce said that he will not be taking any additional group orders until he is caught up with his back log. As of yesterday, he was shipping units ordered

in mid January. He said that for each week that goes by, he is getting two weeks worth of catch up. So next week he will be shipping early Feb orders and so on. The Inter net group order should start shipping around the 15 th of April. He might be caught up and ready to entertain another group purchase in the May time frame.

I should point out that he does seem interested in group purchases, but not until the back log is under control.

72/3

Ken KJ4XR

From owner-qrp-1@netcom.com Thu Apr 6 01:50:39 1995
From: Byron8LCZ@aol.com
Date: Wed, 5 Apr 1995 23:52:06 -0400
Message-Id: <950405235202_73472851@aol.com>
Subject: Re: Re KeyCAD files via FTP

Now he tells me ! (how to make that cad symbols file finally work.) After sweating it out for days. Tnx Mike. I owe you one, one big one.

See You At Dayton, fella !

72, Byron WA8LCZ Detroit

From owner-qrp-1@netcom.com Wed Apr 5 23:36:00 1995
Date: 05 Apr 95 17:48:28 EDT
From: Greg Hemming <76443.2243@compuserve.com>
Subject: Subscribe
Message-Id: <950405214827_76443.2243_GHN121-1@CompuServe.COM>

Subscribe

From owner-qrp-1@netcom.com Wed Apr 5 06:25:16 1995
Date: Tue, 4 Apr 1995 11:13:00 +0000
From: william.redfearn.cmwd101@nt.com
Message-Id: <"24284 Tue Apr 4 06:13:46 1995"@nt.com>
Subject: Want dead HF rig

Looking for late model HF rig (WARC) with blown finals for a QRP project. Especially interested in FT-707, IC-735, TS-50s, or any TEN-TEC rigs. Of course, being broken, it should be cheap.
73-Dave.

=====

Dave Redfearn, SR PC LAN Analyst Northern Telecom RTP, NC.
ph.(919) 992-3925 email: cmwdr01@nt.com qrl? de N4ELM/qrp

All opinions are my own, no one else wants them.

From owner-qrp-l@netcom.com Thu Apr 6 00:54:45 1995
Date: Wed, 5 Apr 95 08:38:34 PDT
From: dwatson@nskernel.tandem.com (watson_dan)
Message-Id: <9504051538.AA02835@razorback.nskernel.tandem.com>
Subject: Yet another NorCal 40A story ...

Hi,

My first ham radio is alive and well. I had finished the building some time last month, but just got around to buying a tuner and throwing some wire out the window. I was getting pretty discouraged for a while, so I called up a friend across the valley and invited him to listen for me (hell of a thing, using a land line to make a contact!).

I was definitely getting out, 'cause he could hear me pretty well (about S2 at 1 watt, then I doubled the power!), so I kept tuning around listening for someone to answer (my CQs were going unnoticed).

Finally, someone came blasting in - an XE2 sending from Guatemala! I pounced, and got him! He had to work pretty hard, but he stuck with me for my first "real" NC40A contact and my first DX to that region (I'm up to 5 countries now!)

Let me echo my thanks to Wayne, Doug, Jim, and the rest of the NorCal gang for designing and producing a fine little radio! Can't wait for the Cascade project!

Have fun, and 73,

Dan
N6QGI
Saratoga, CA